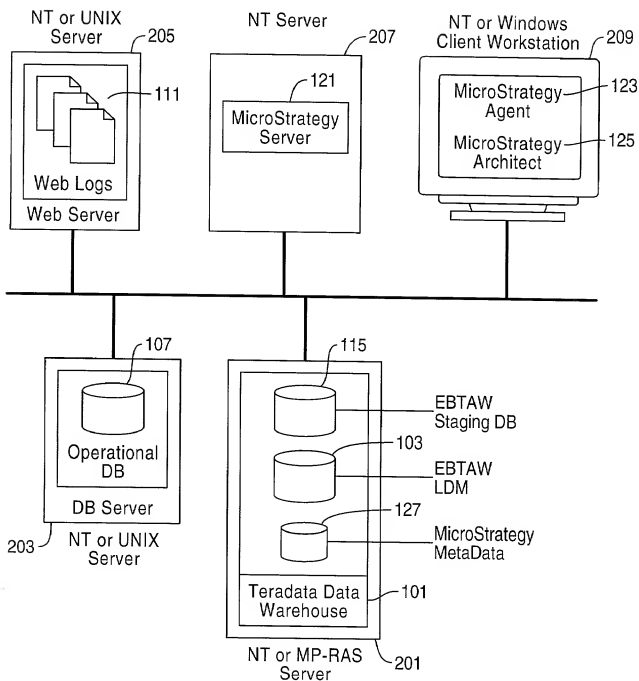


FIG. 2



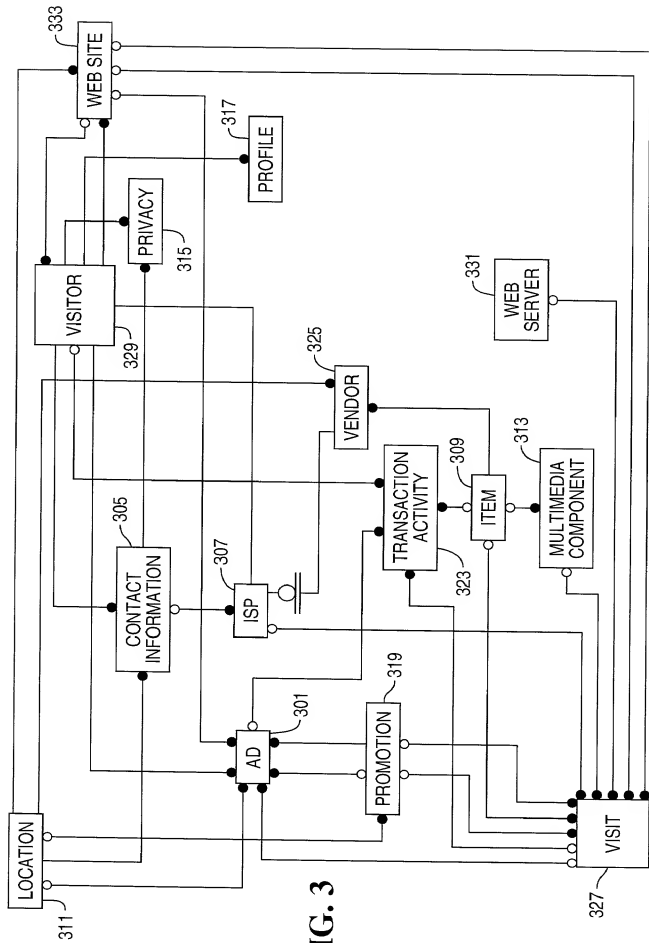
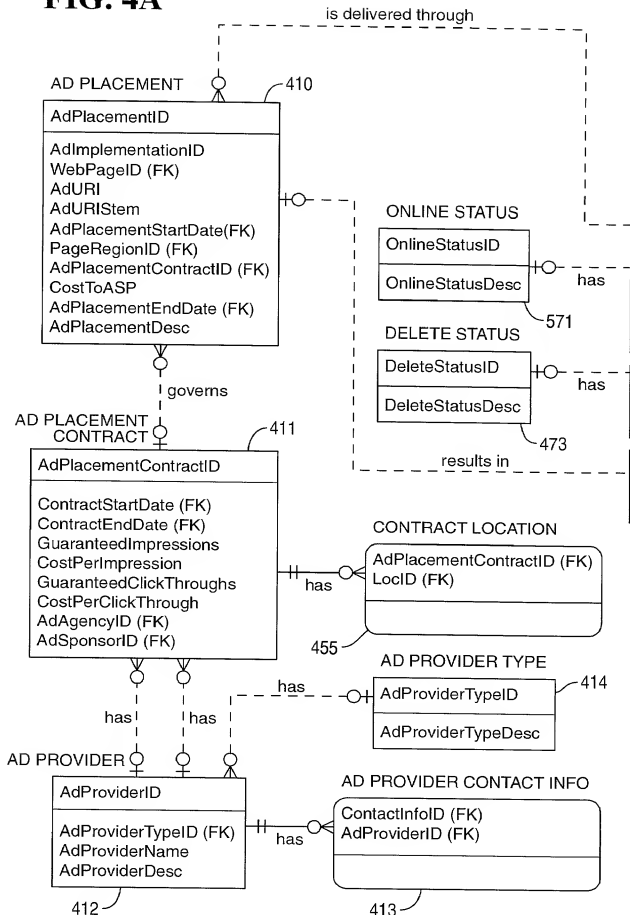


FIG. 3

FIG. 4A



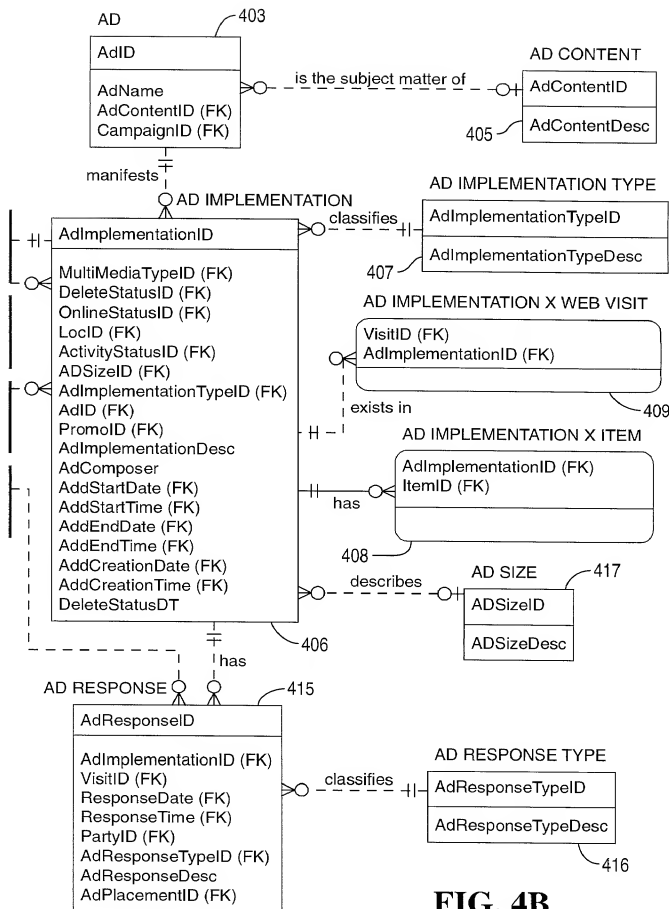


FIG. 4B

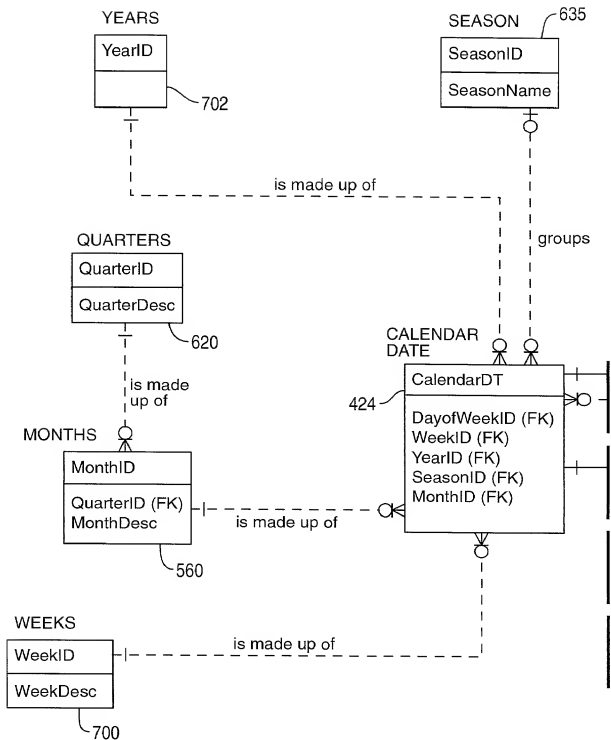


FIG. 5A

FIG. 5B

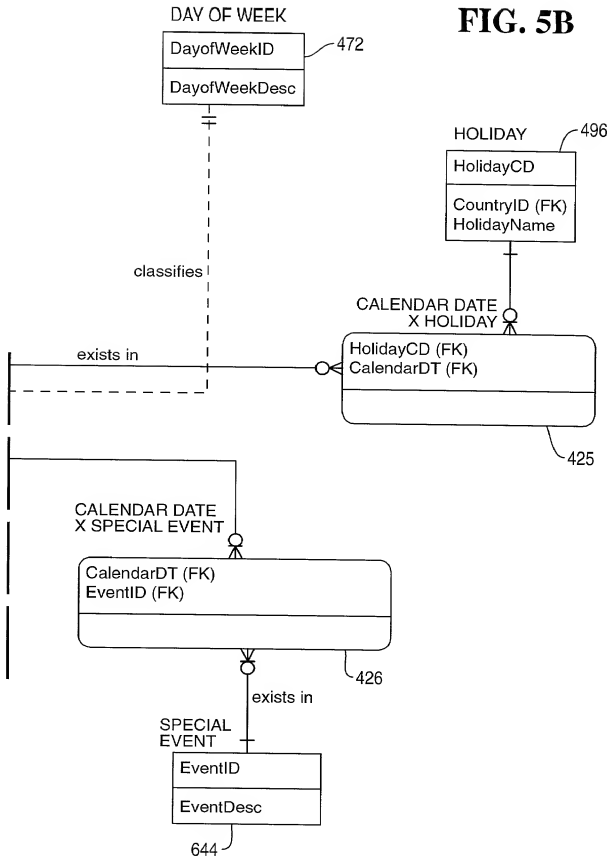


FIG. 6A

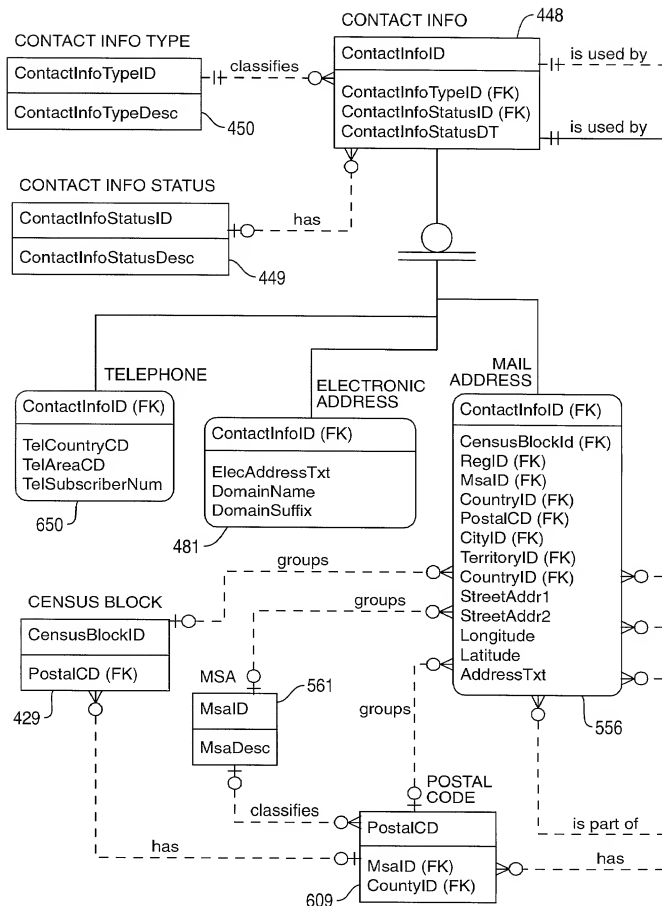
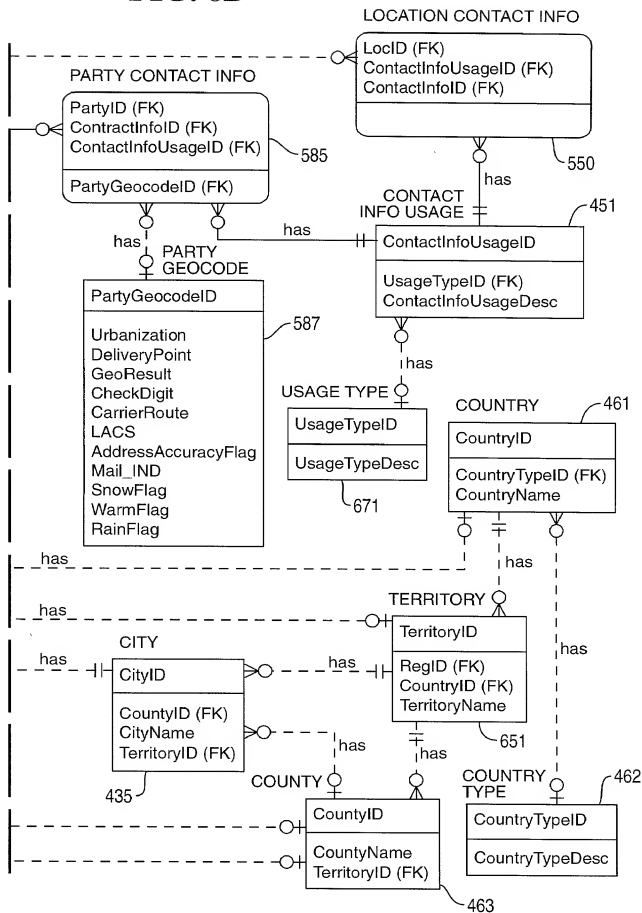


FIG. 6B



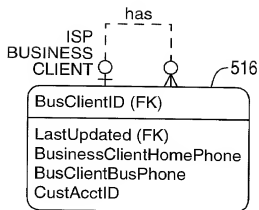
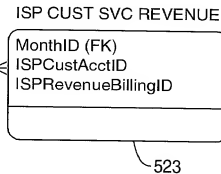
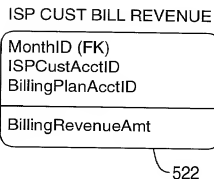
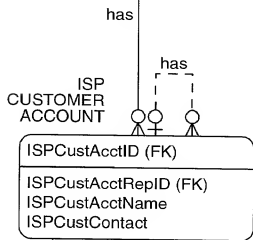
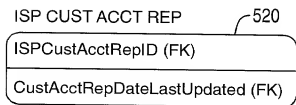
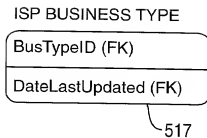
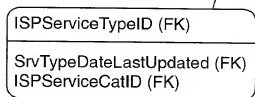


FIG. 7A



ISP SERVICE TYPE 532



ISP
SERVICE
DESC

has

531

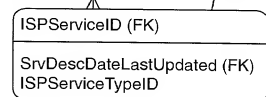
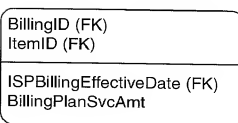


FIG. 7B

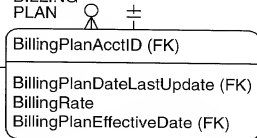
ISP BILLING PLAN SERVICE



515

ISP
BILLING
PLAN

has



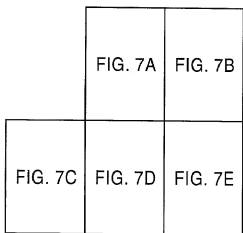
514

has

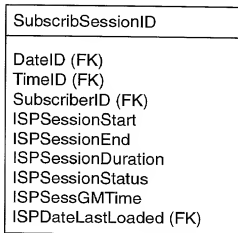
R/1301

has

FIG. 7



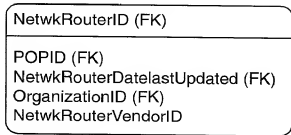
ISP SUBSCRIBER SESSION



has

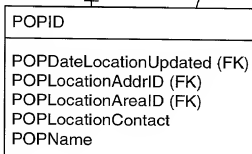
534

ISP NETW ROUTER



525

ISP POP



527

has

FIG. 7C

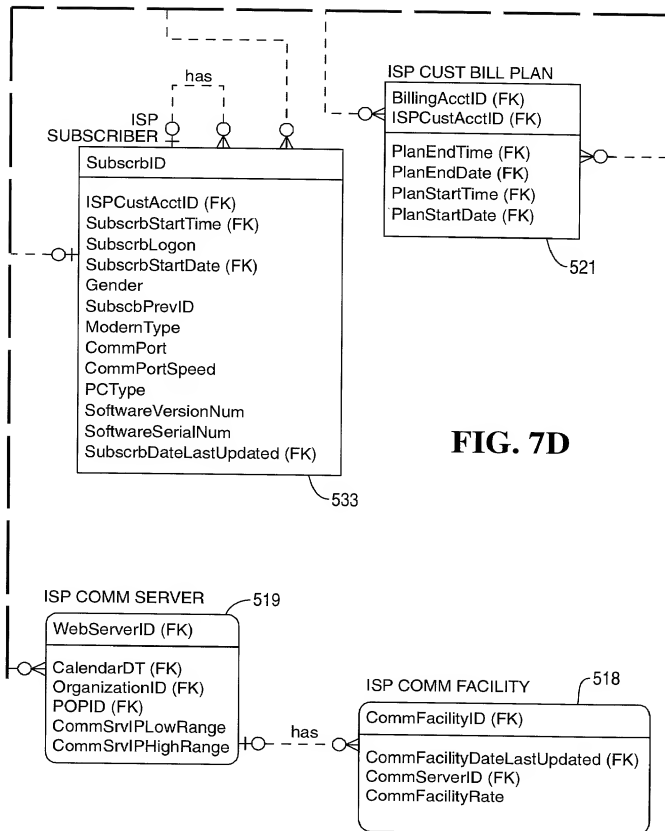
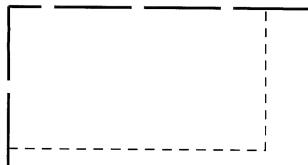
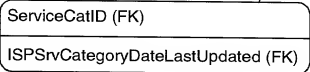


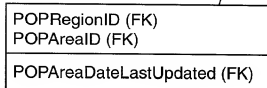
FIG. 7E



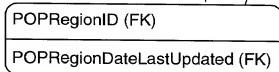
ISP SERVICE CATEGORY 530



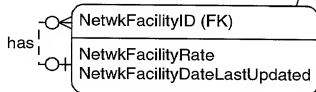
ISP POP AREA 528



ISP POP REGION 529



ISP NETWORK FACILITY 526



has

has

FIG. 7E

FIG. 8A

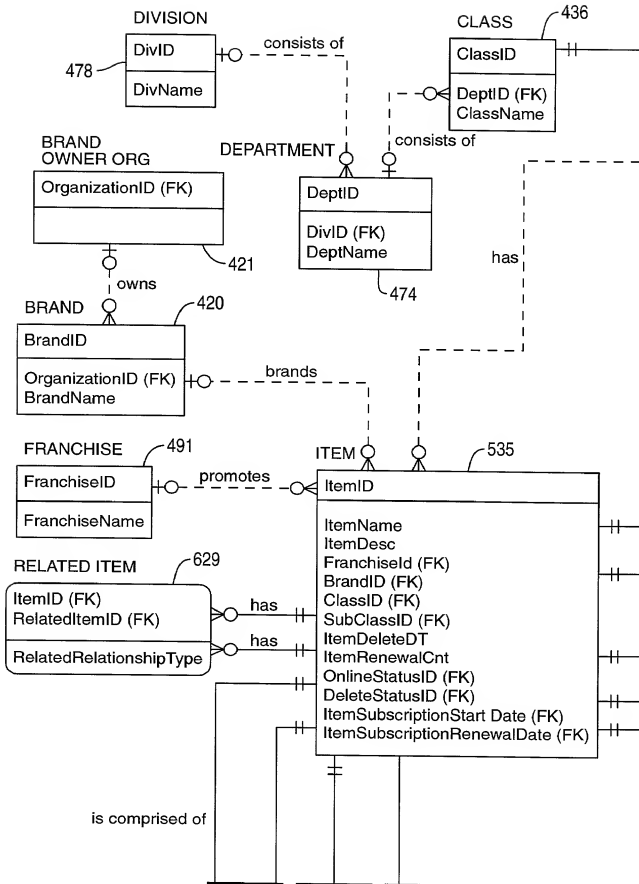


FIG. 8B

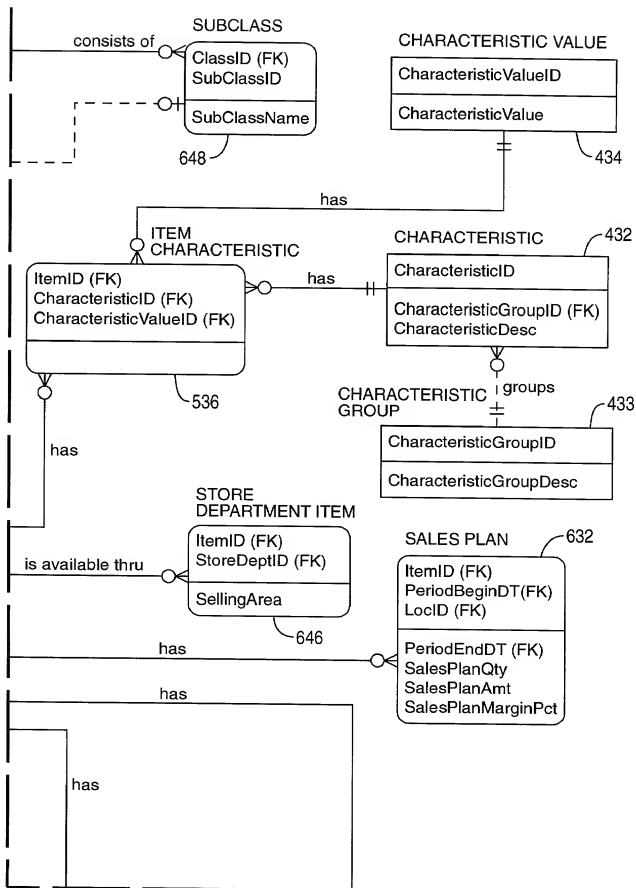
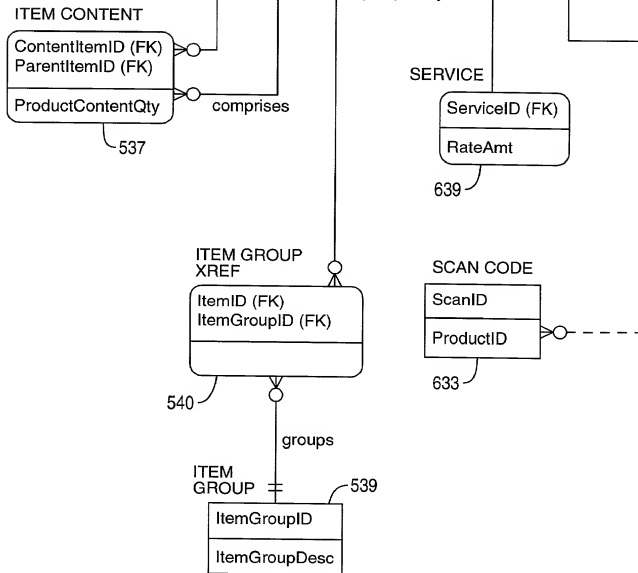


FIG. 8C



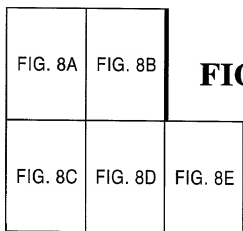
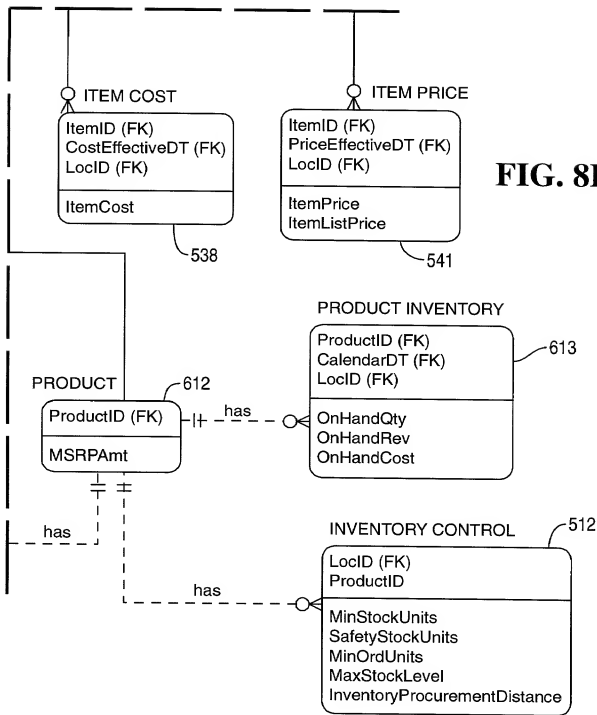


FIG. 8E

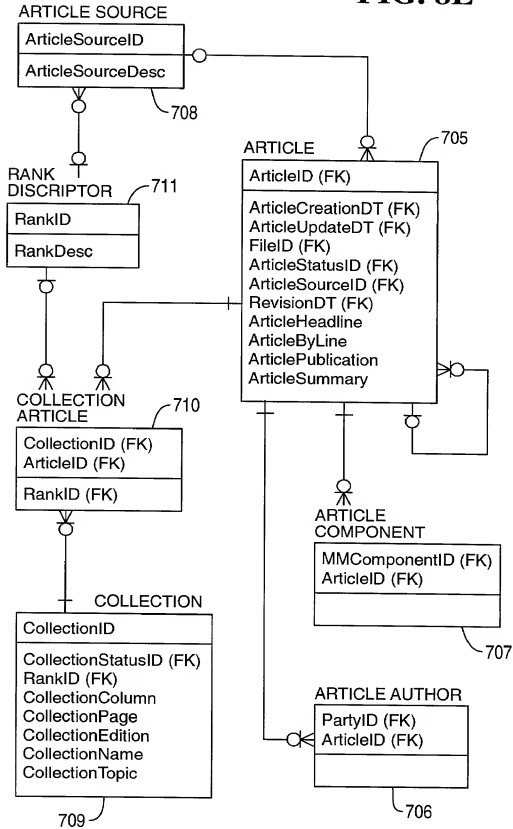


FIG. 9A

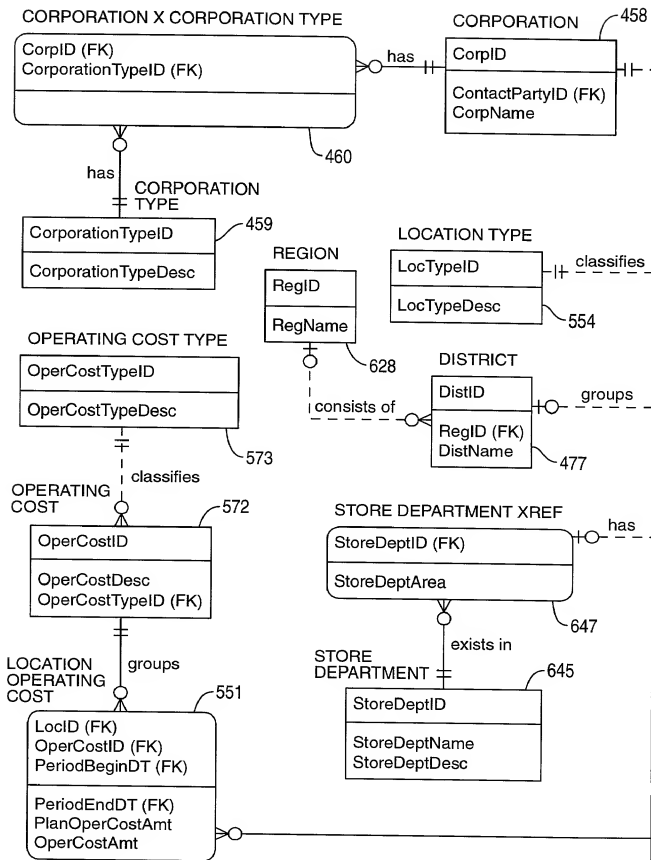
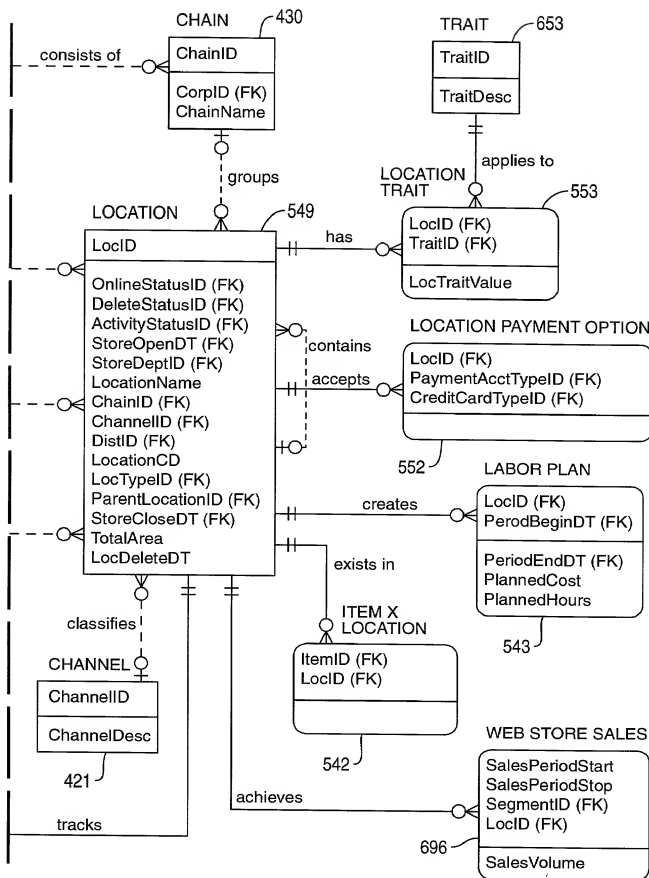


FIG. 9B



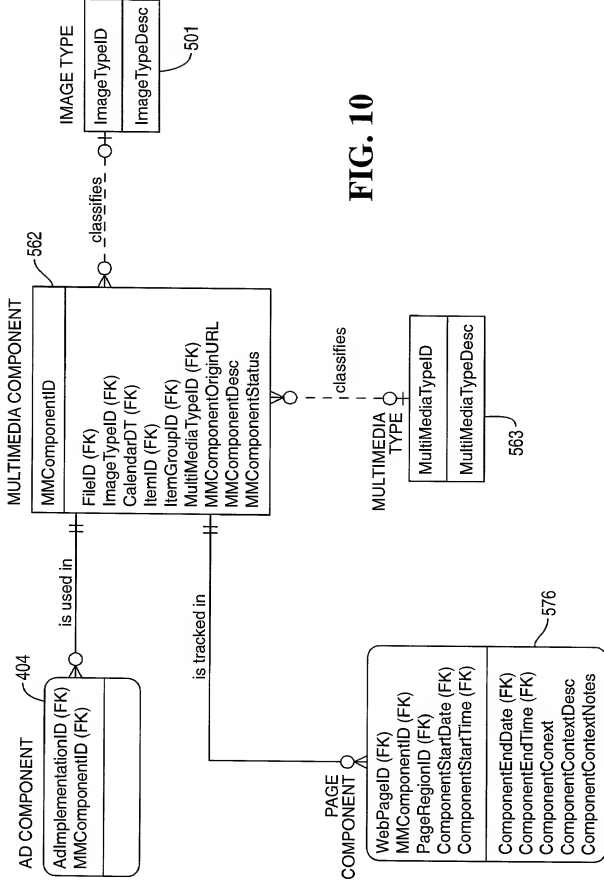
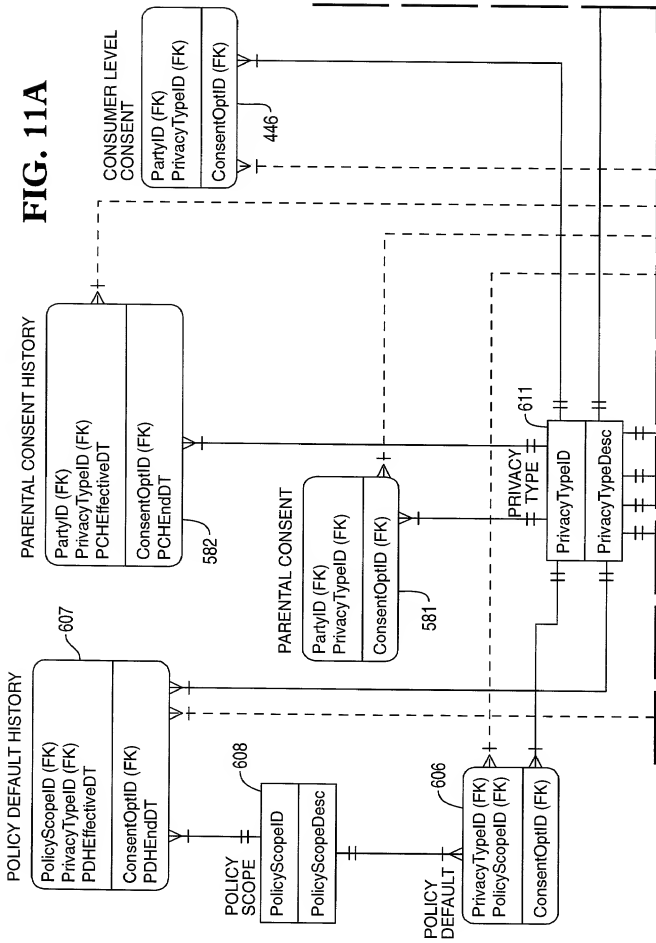


FIG. 10



CONSUMER LEVEL HISTORY



FIG. 11B

FIG. 11

FIG. 11A	FIG. 11B
FIG. 11C	FIG. 11D
FIG. 11E	FIG. 11F

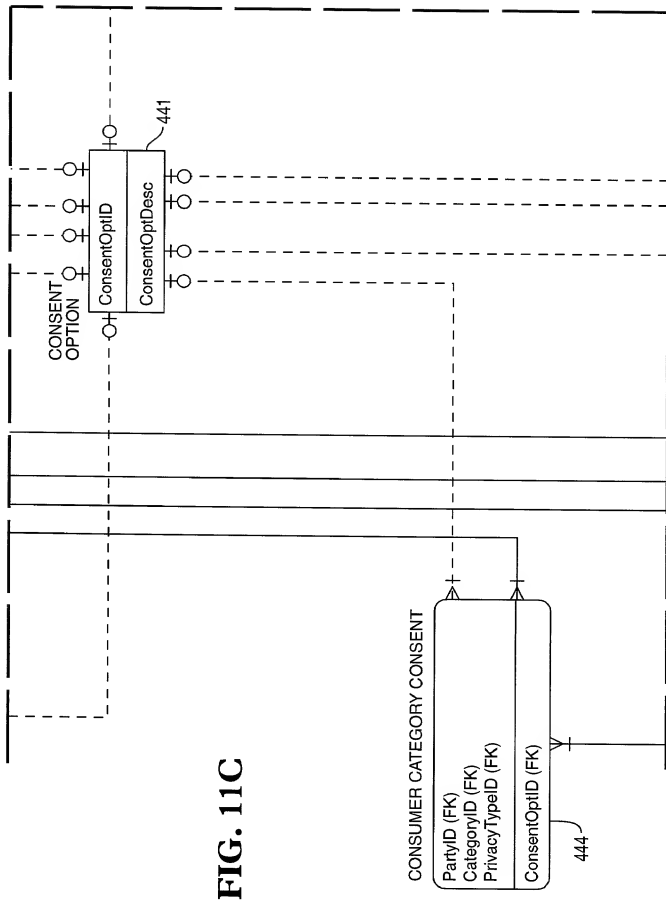




FIG. 11D

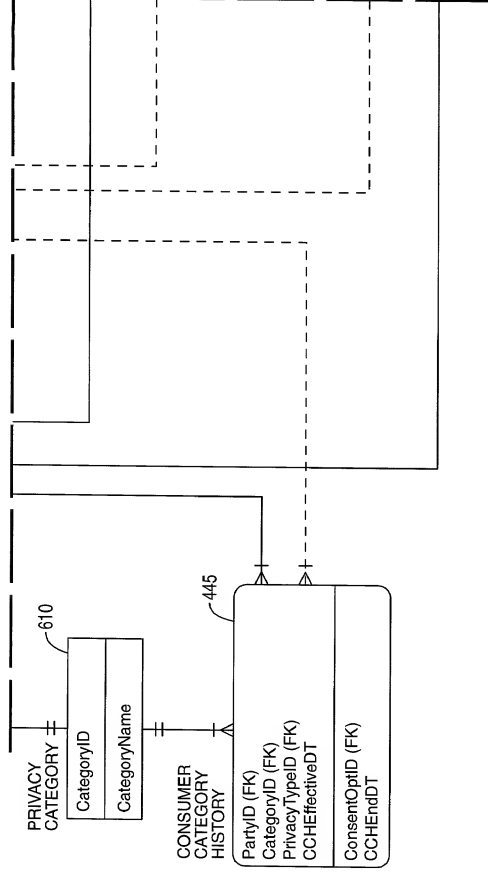


FIG. 11E

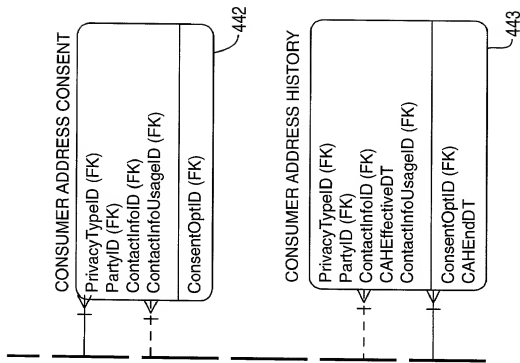
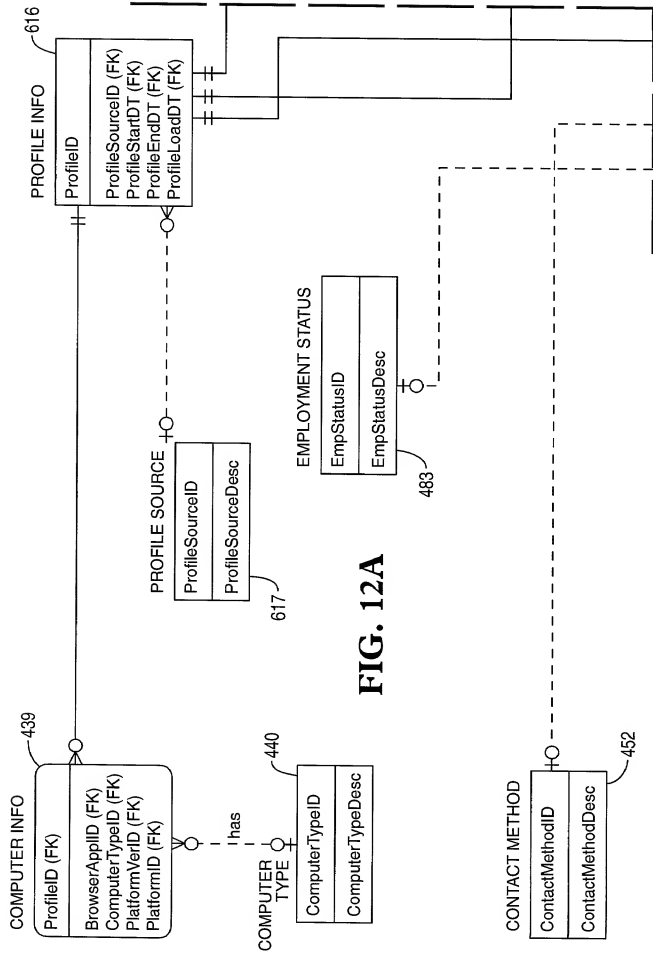


FIG. 11F



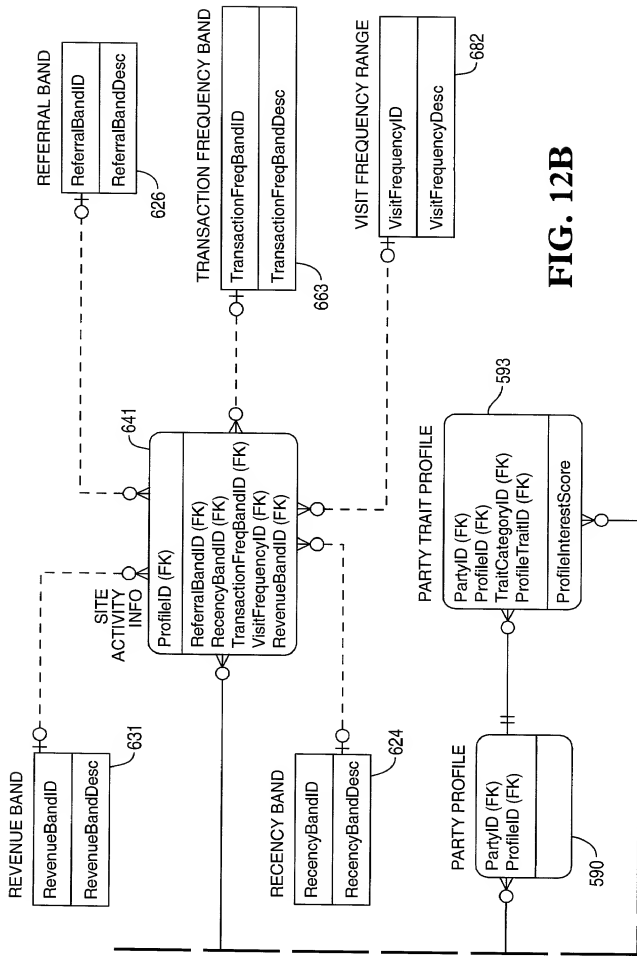


FIG. 12B

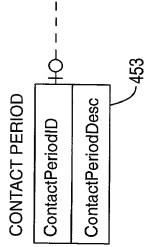
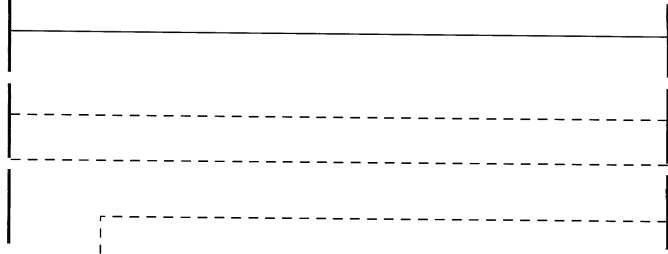


FIG. 12C

FIG. 12

FIG. 12A	FIG. 12B
FIG. 12C	FIG. 12D
FIG. 12E	FIG. 12F
FIG. 12G	



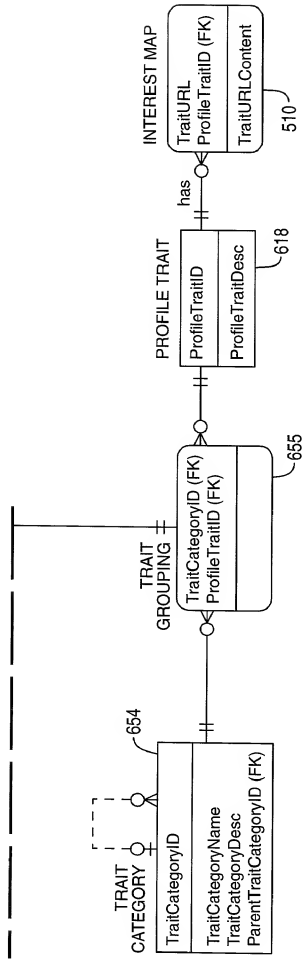
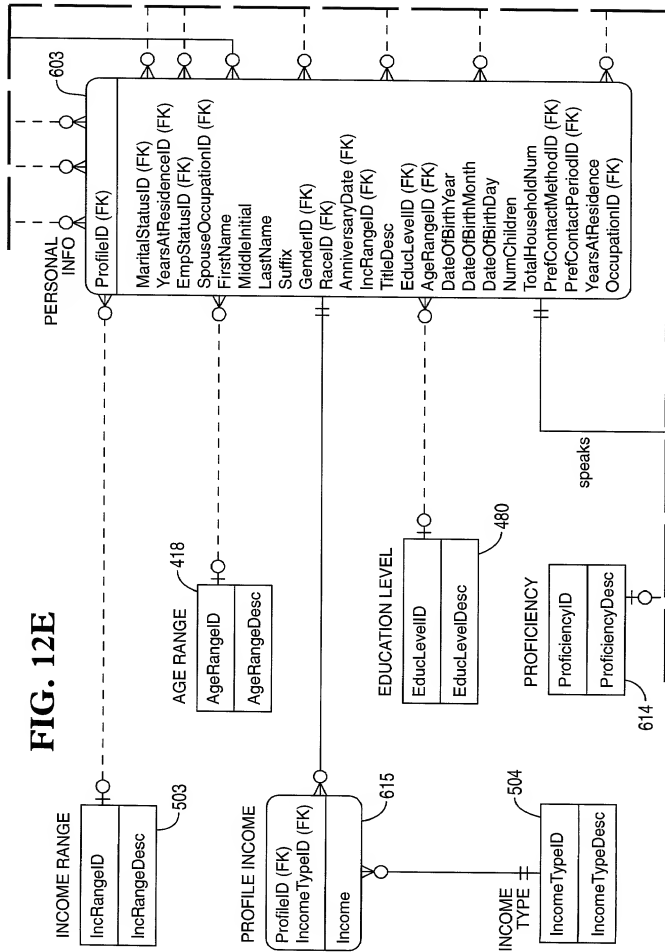
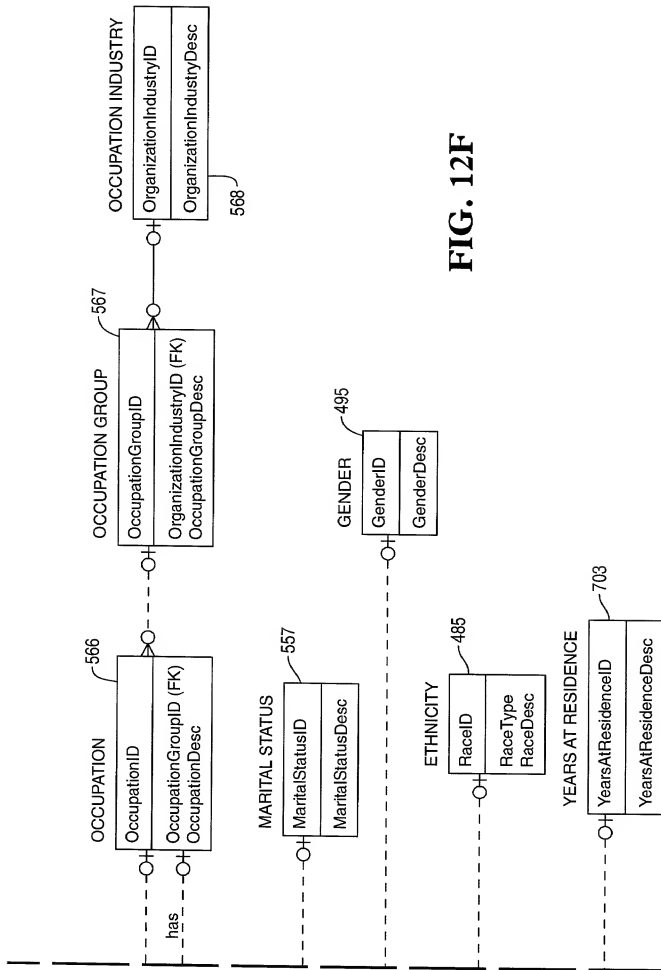


FIG. 12D

FIG. 12E





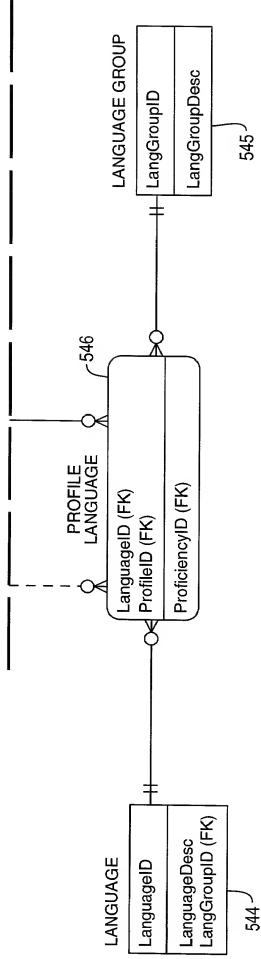


FIG. 12G

FIG. 13A

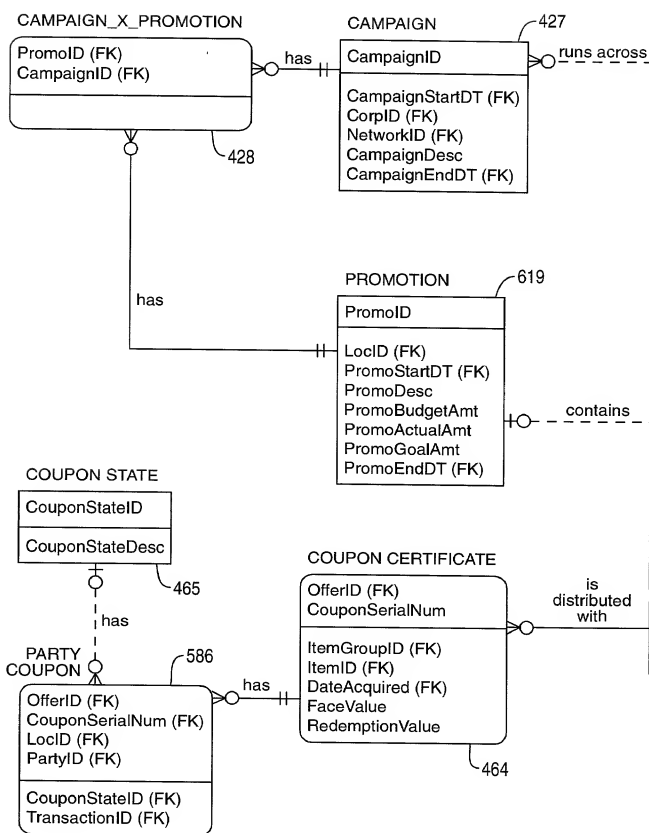
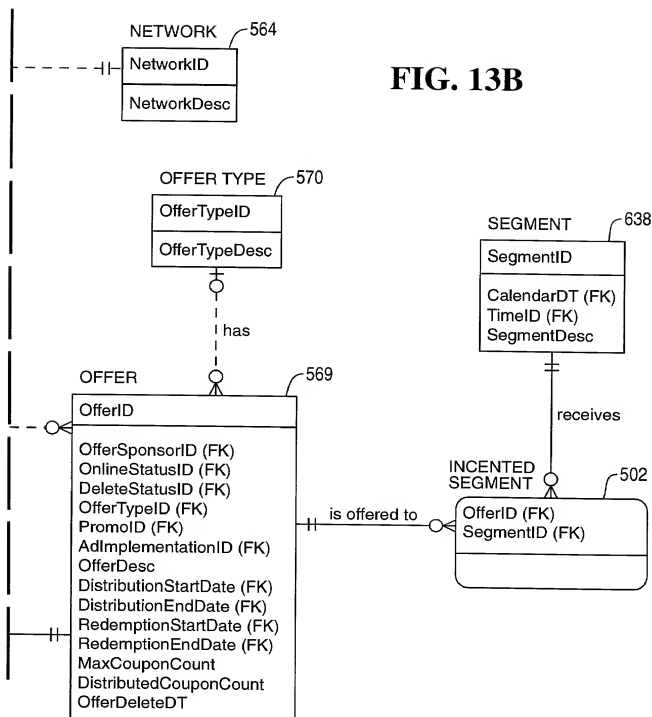


FIG. 13B



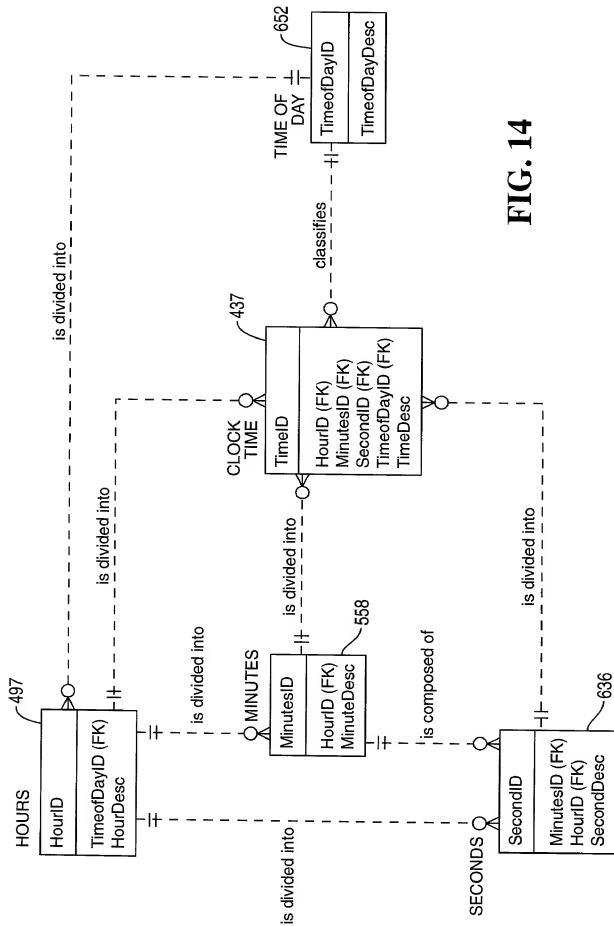


FIG. 14

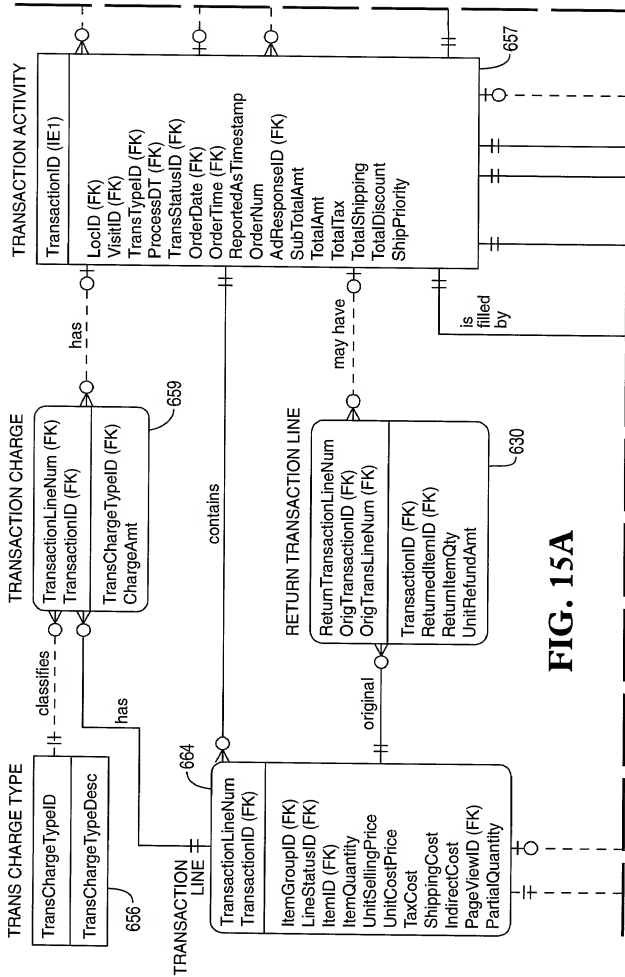
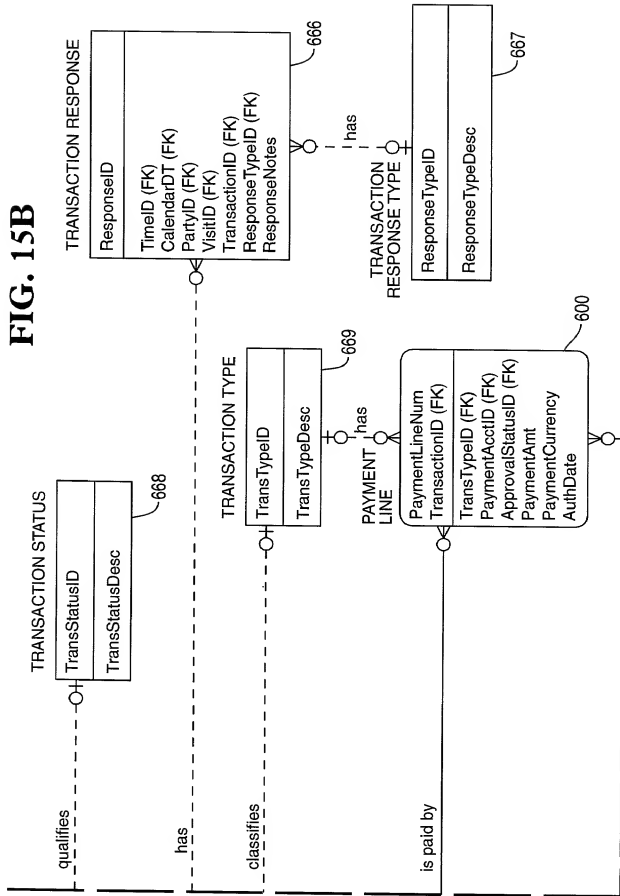
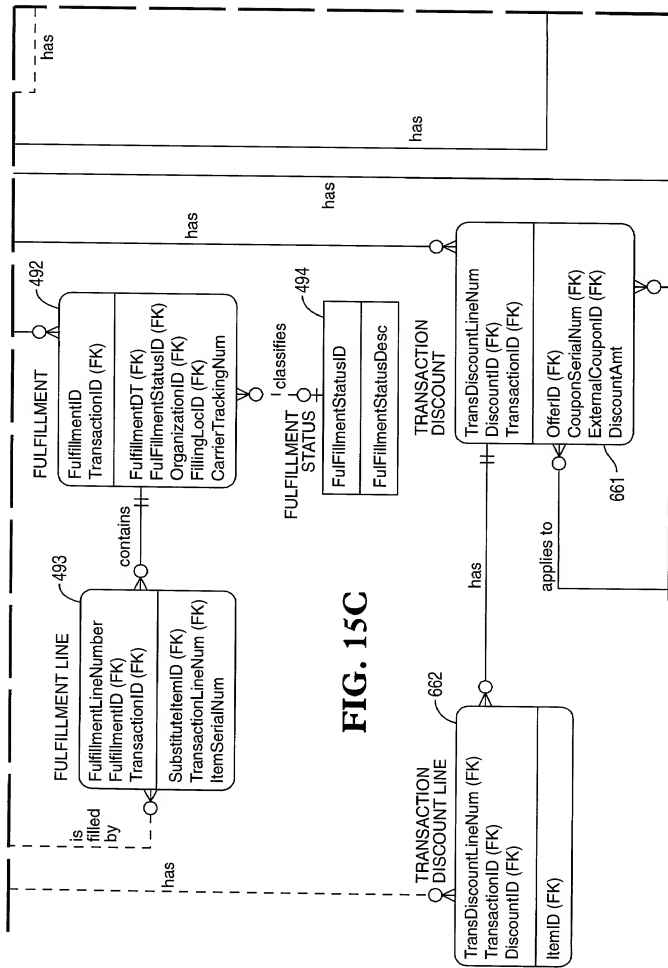


FIG. 15A





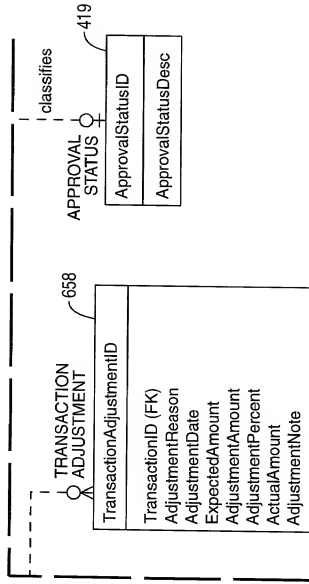


FIG. 15D

FIG. 15

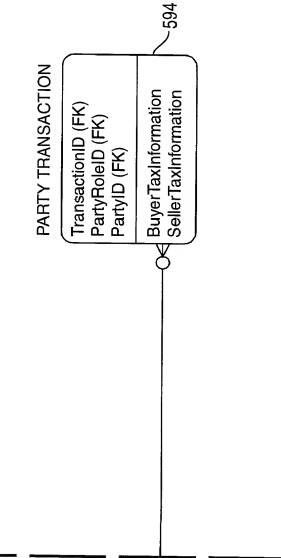


FIG. 15A	FIG. 15B
FIG. 15C	FIG. 15D
FIG. 15E	

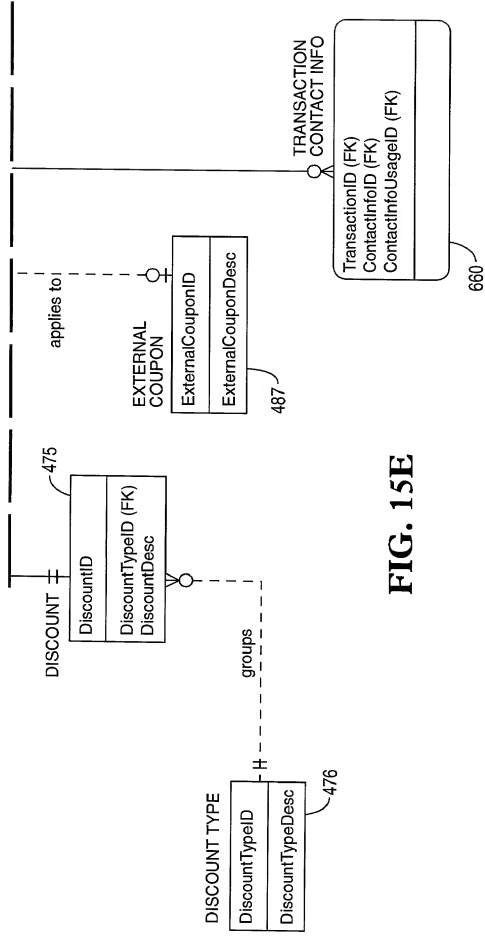
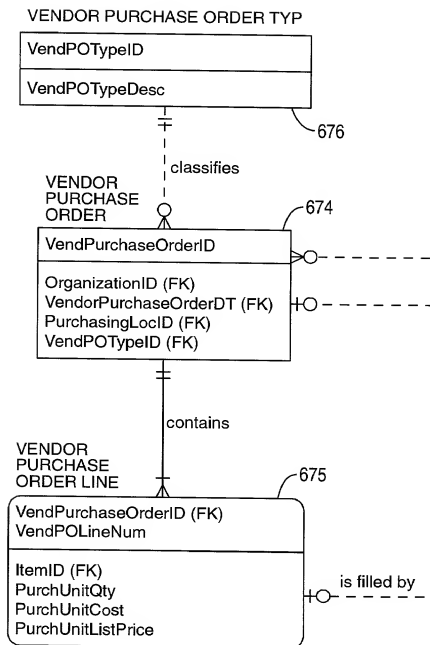


FIG. 16A



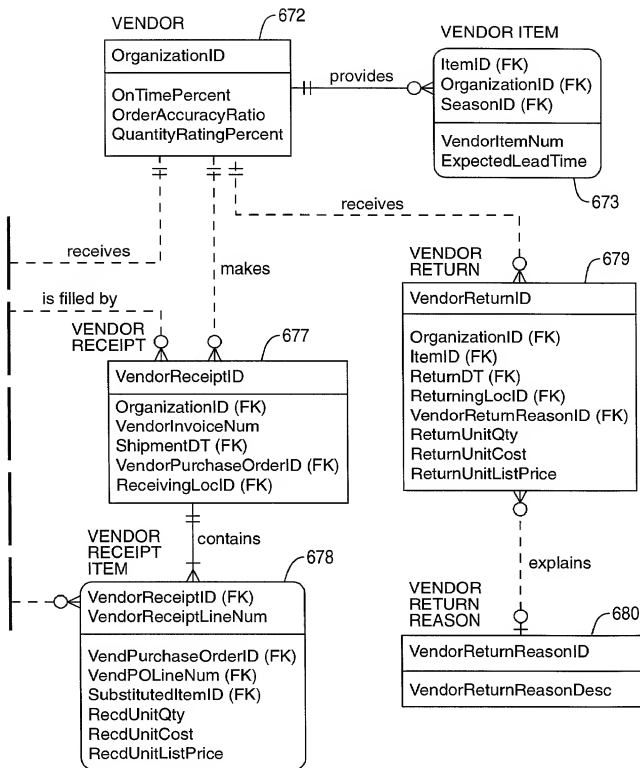


FIG. 16B

FIG. 17A

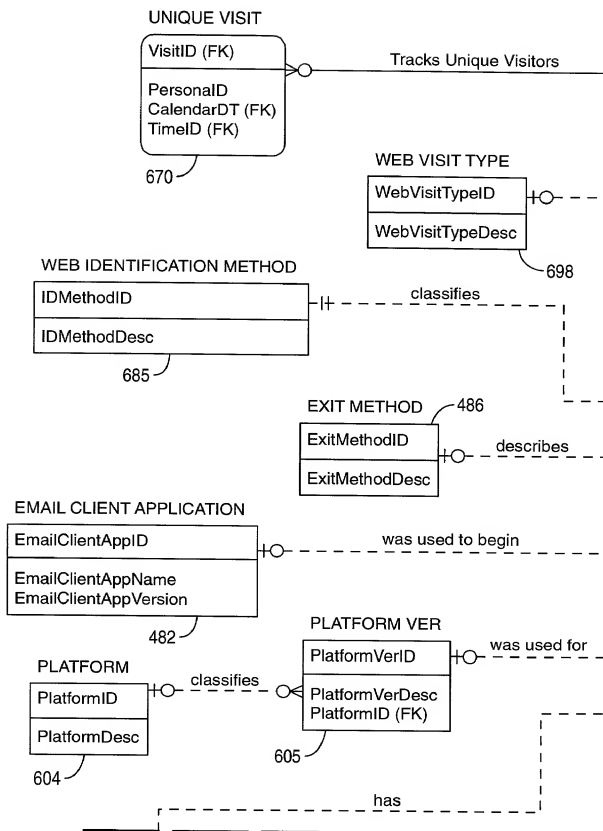


FIG. 17B

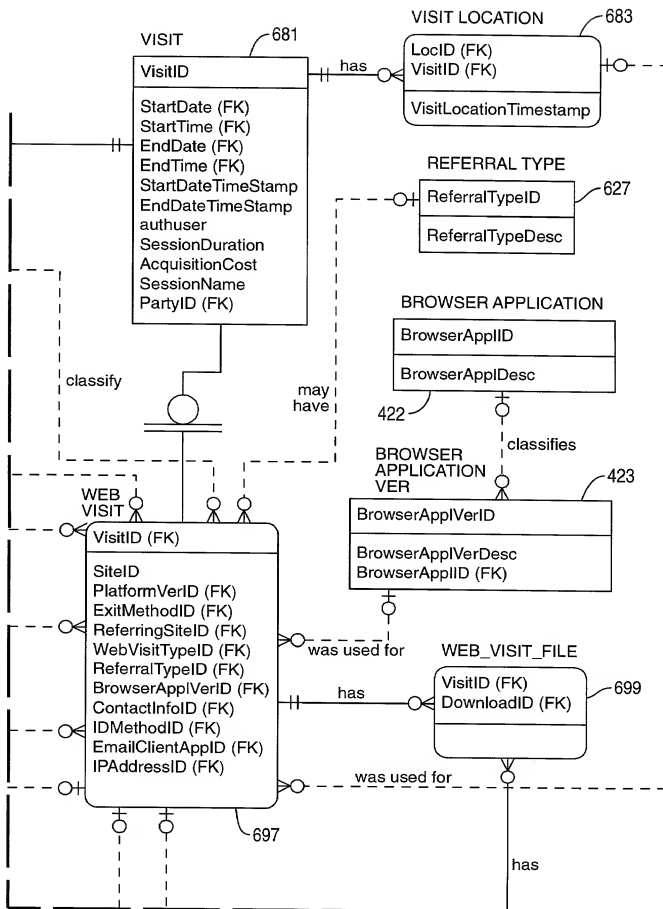


FIG. 17C

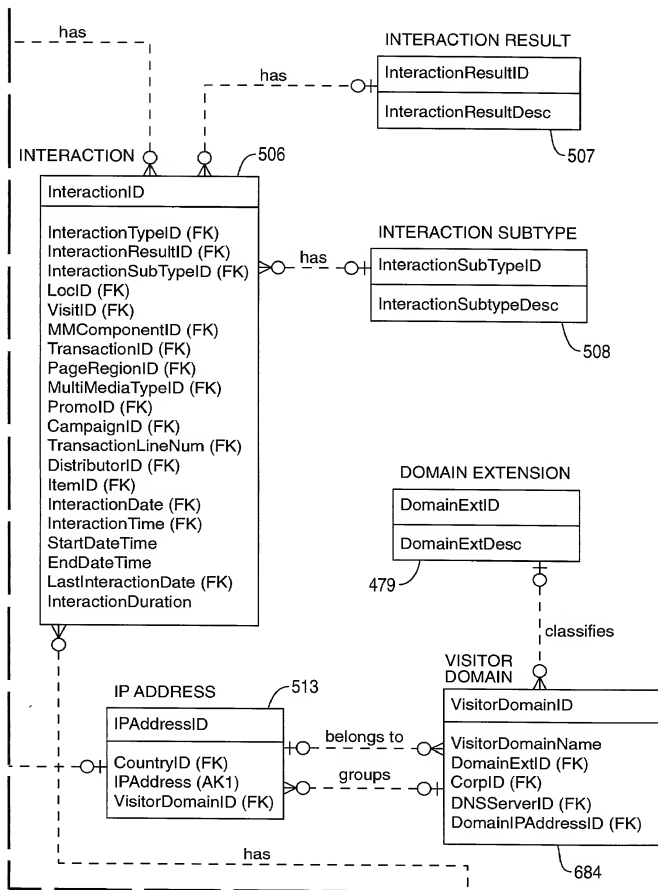


FIG. 17D

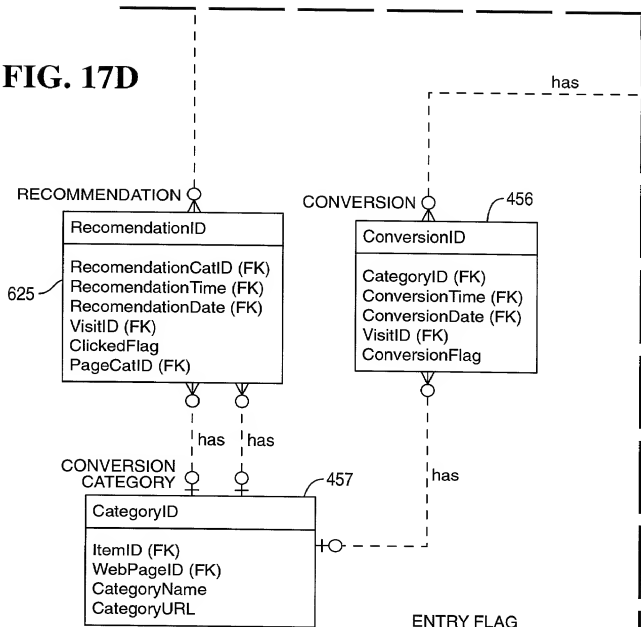
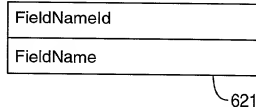


FIG. 17

FIG. 17A	FIG. 17B	FIG. 17C
FIG. 17D	FIG. 17E	FIG. 17F

QUERY STRING FIELD NAME



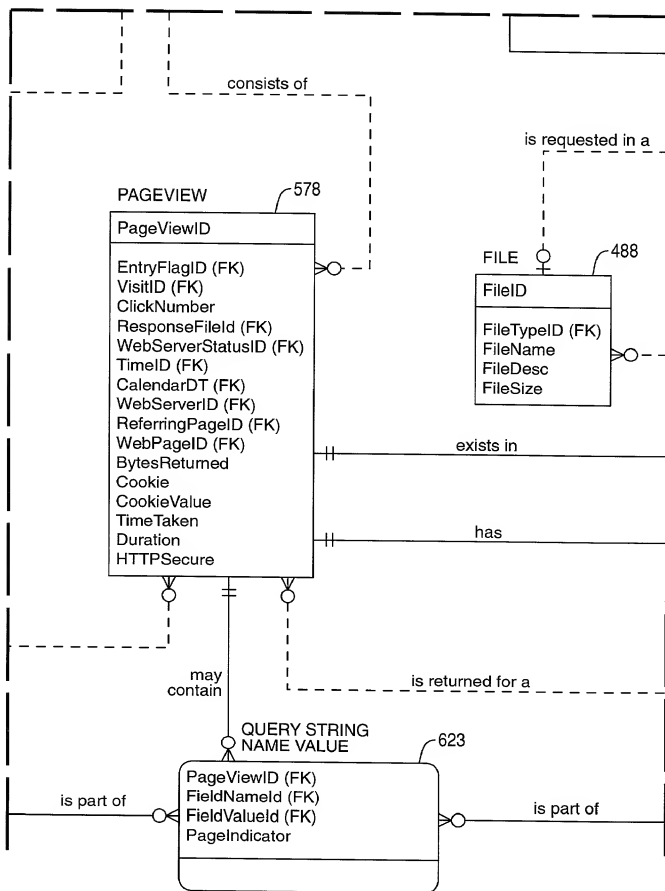


FIG. 17E

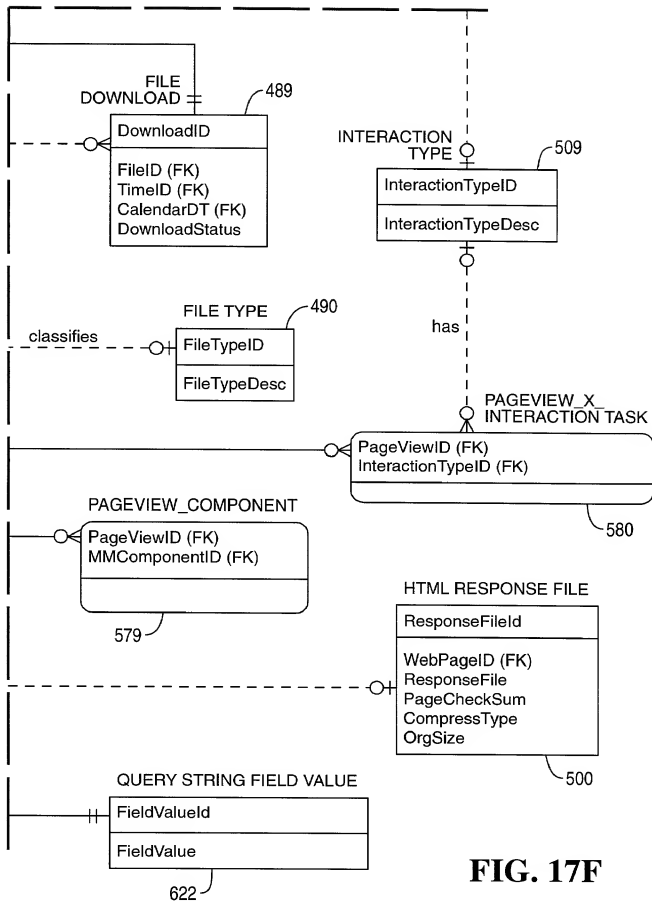


FIG. 17F

FIG. 18A

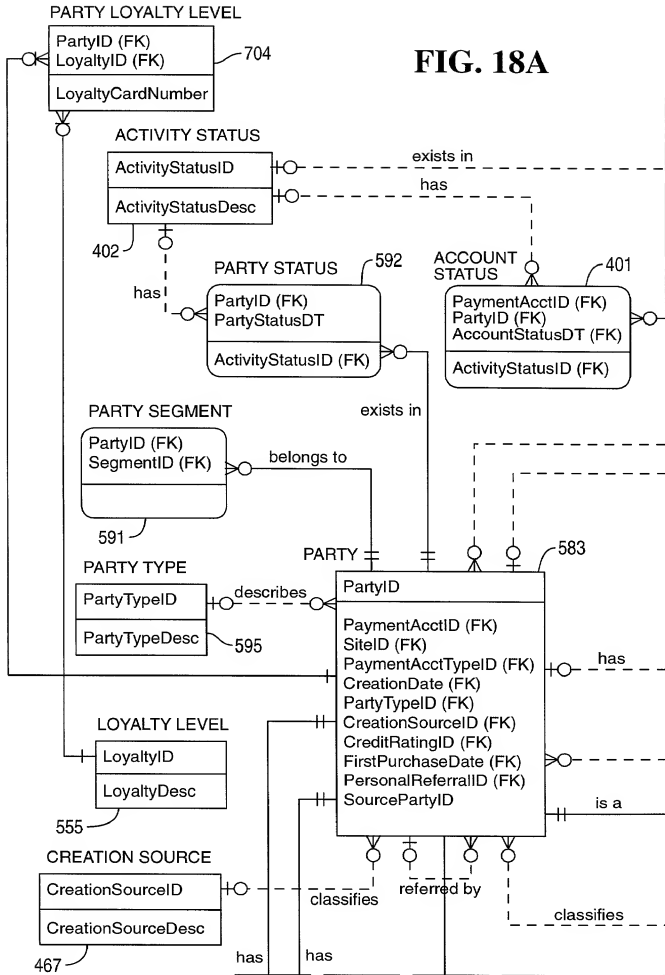


FIG. 18B

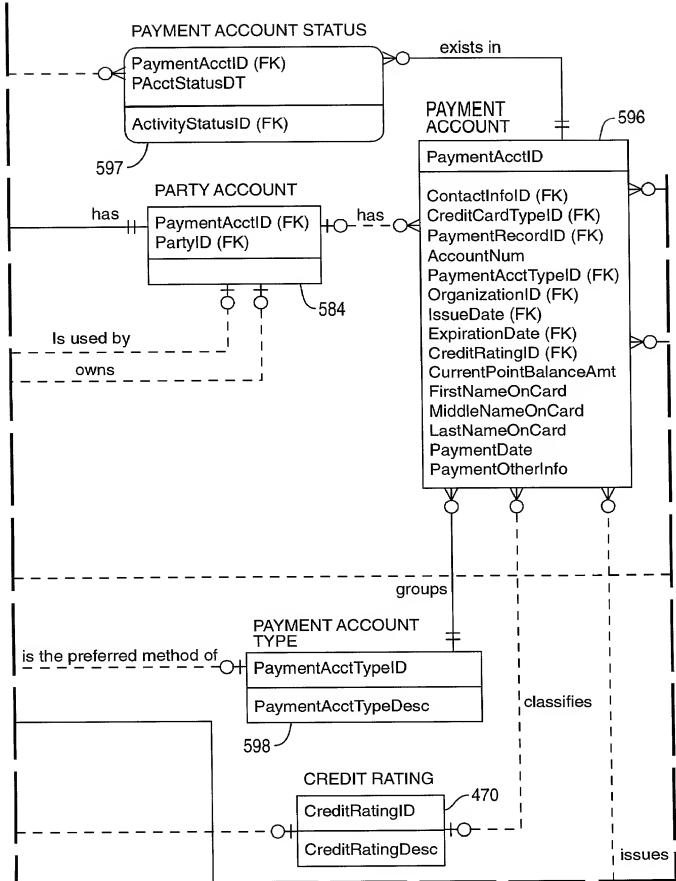


FIG. 18C

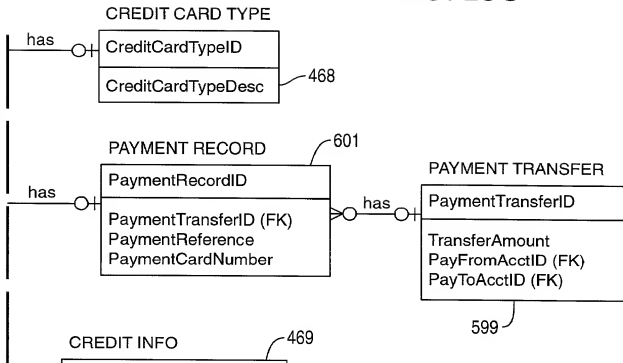
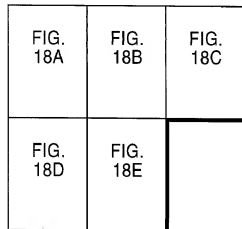


FIG. 18



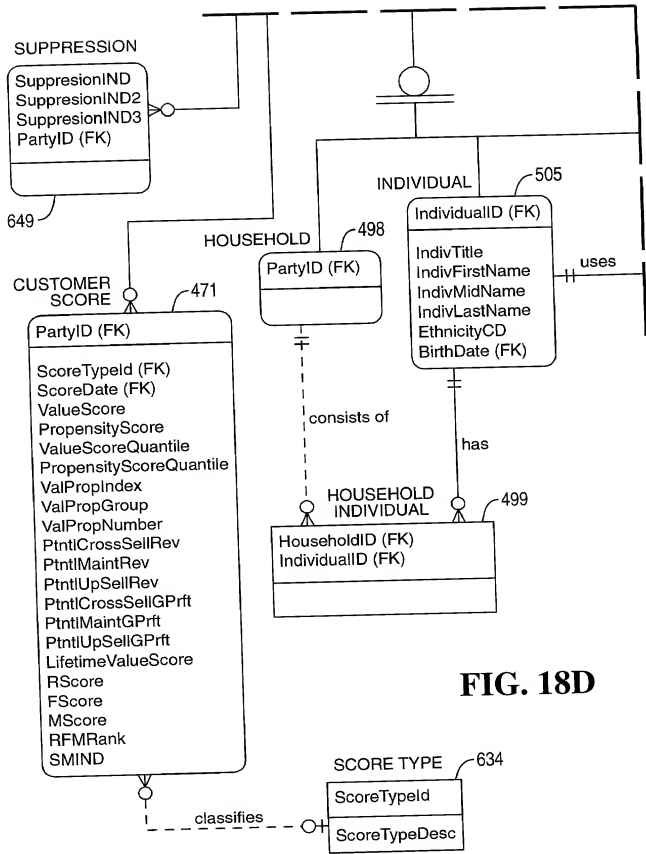


FIG. 18D

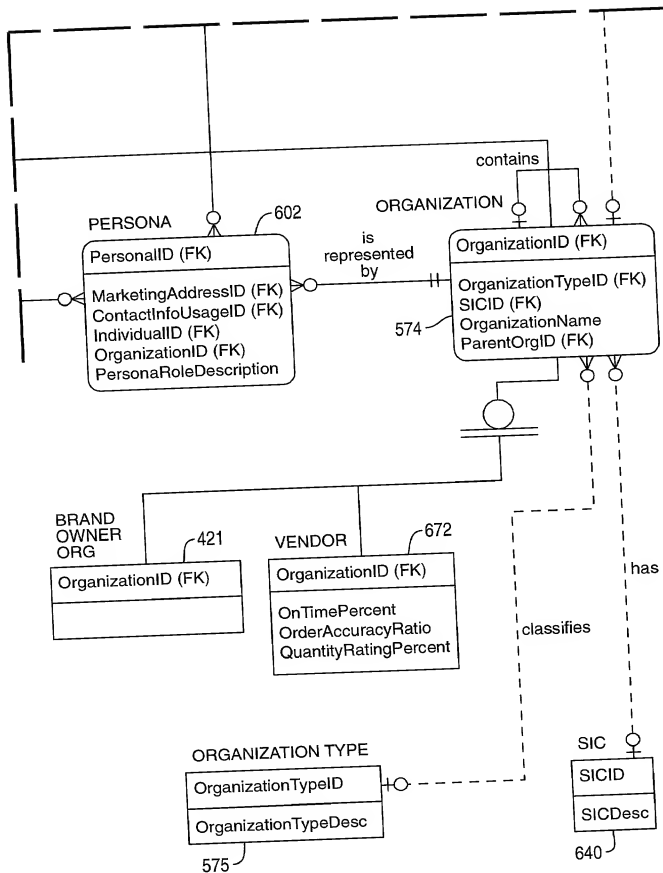


FIG. 18E

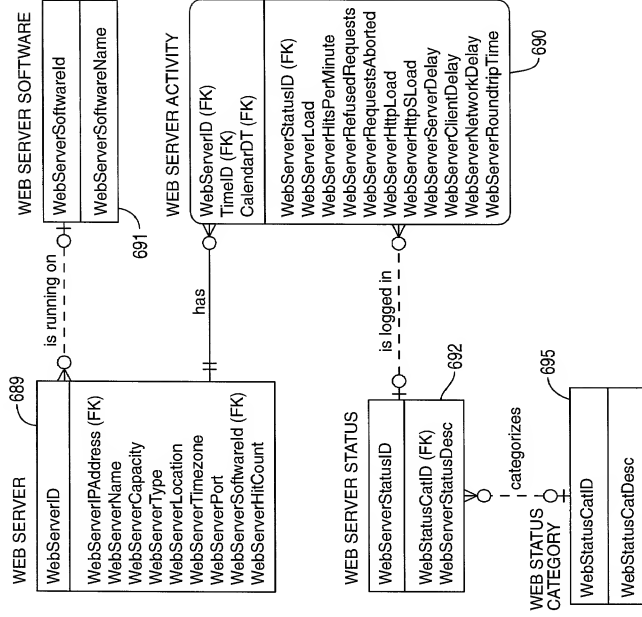


FIG. 19

FIG. 20A

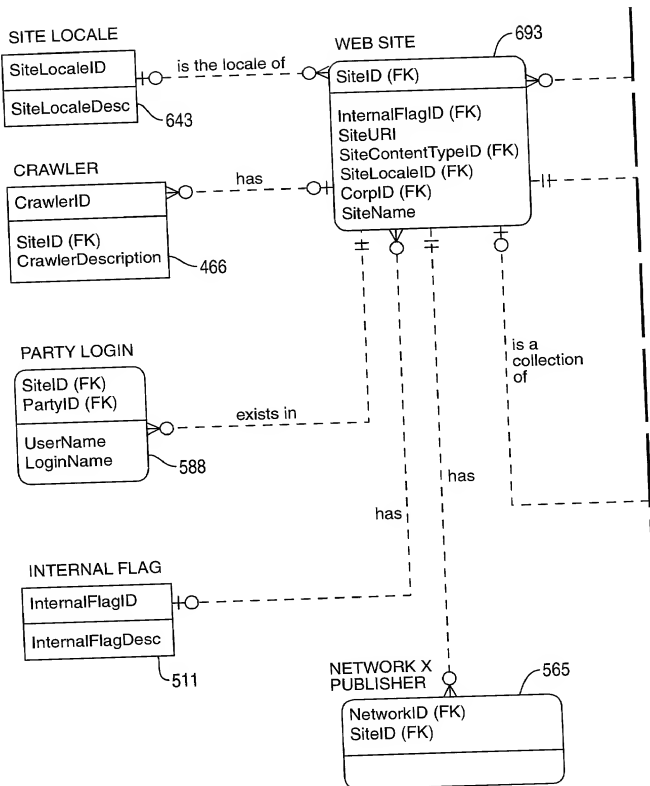


FIG. 20B

